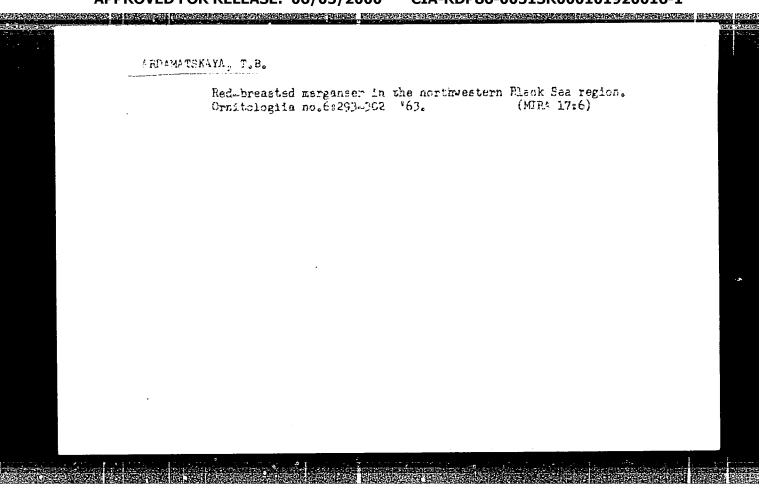
ARDAMATSKAYA, T.B. Snakes as exterminators of birds nesting in the hollows of trees. Trudy Probl. i tem. sov. no.9:338-341.'60. (MIRA 13:9) 1. Chernomorskiy gosudarstvennyy zapowednik. (Black Sea Preserve—Birds, protection of) (Serpents)

Traveling nest.	Priroda	50 no.5	:116-117	My	161.	(MIRA 14:5)	
1. Chernomorskiy goszapovednik (Golaya pristan', Khersonskaya obl.). (Birds—Eggs and nests)							
•							



ARDAMATSKIY, N.A.; MILOSLAVSKIY, Ya.M.; LIKHVANTSEV, V.A.; LEGKUN, A.M.; TYUNINA, Ye.A.

Comparative evaluation of the results of studying the content of sodium and potassium in the plasma, whole blood and erythrocytes in some internal diseases. Terap.arkh. 34 no.2:81-85 '62. (MIRA 15:3)

1. Iz kafedry fakulitetskoy terapii (i. o. zav. - dotsent N.A. Ardamatskiy) Ryazanskogo meditsinskogo instituta imeni akad. I.P. Pavlova.

(SODIUM IN THE BODY) (POTASSIUM IN THE BODY)
(BLOOD_EXAMINATION)

MILOSLAVSKIY, Ya.I.; ARDAMATSKIY, N.A.; IVANOV, Yu.V.; LIKHVANTSEV, V.A.; LEGKUN, A.M.; MASLENNIKOVA, A.I.; CHERNYSHEVA, M.I.; TYUNINA, Ye.A.; SHOLOKHOVA, G.I. (Ryazan¹)

Urinary excretion of 17-ketosteroids and 17-hydroxy corticosteroids in healthy people. Probl. endok. i gorm. 9 no.3:76-80 My-Je '63. (MIRA 17:1)

AND RESIDENCE TO THE RESIDENCE AND THE PROPERTY OF THE PROPERT

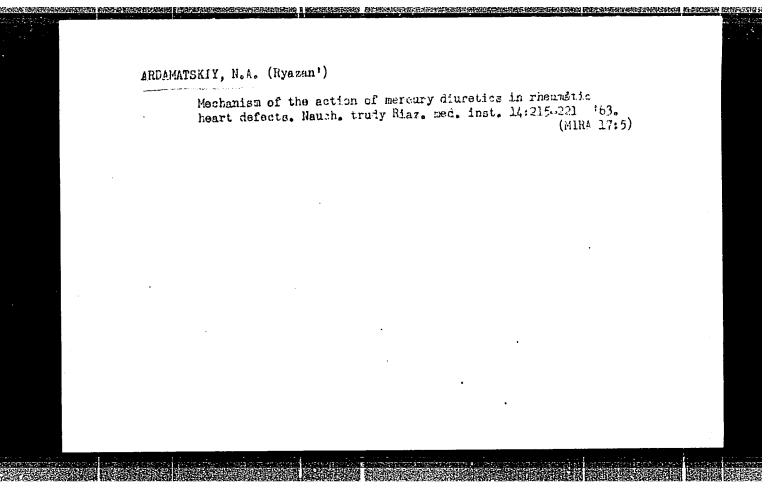
1. Iz kafedry fakul tetskoy terapii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent N.A. Ardamatskiy) Ryazanskogo meditsinskogo instituta imeni I.P. Pavlova.

MILOSLAVSKIY, Ya.M.; ARDAMATSKIY, N.A. (Ryazan')

Urinary excretion of tetrahydroxy derivatives of corticosteroids in healthy persons based on paper chromatography data. Probl. endok. i gorm. 9 no.5:62-66 S-0:63 (MIRA 16:12)

WESTERN TO SEE THE SEE STATE OF THE SECOND S

1. Iz kafedry fakul tetskoy terapii (zav. - prof. I.B. Likhtsiyer) Ryazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova.



ARDAMATSKIY, N.A. (Ryasan')

Some indices of the functional state of the adrenal cortex in patients with rheumatic heart defects and circulation insufficiency. Nauch. trudy. Riaz. med. inst. 14:181-189 '63.

Adenosinetriphospheric acid deficiency in the myccardium of patients with rheumatic heart defects and circulation insufficiency. Ibid.:190-194 63. (MIRA 17:5)

Recommended building tools. Sel'. stroi. 9 no.3:10-12 My-Je '54.
(MIRA 13:2)

(Building-Tools and implements)

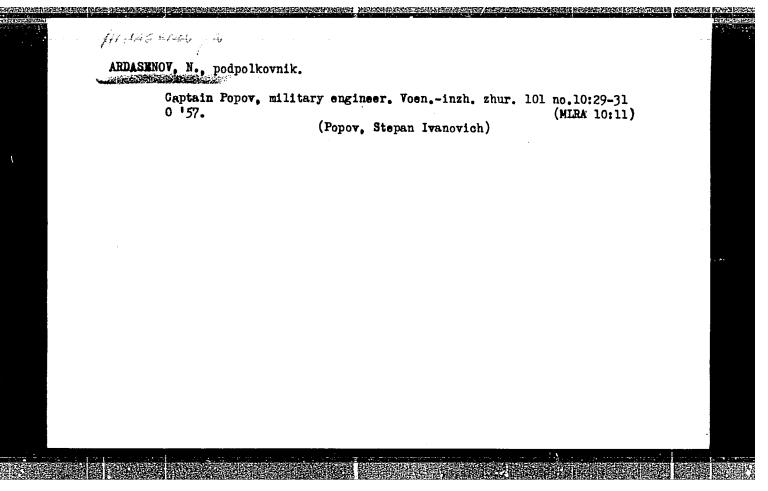
ARDAMATSKIY, N.A.; LIKHVANTSEV, V.A.; MASLENNIKOVA, A.I.; TYUNINA, Ye.A.

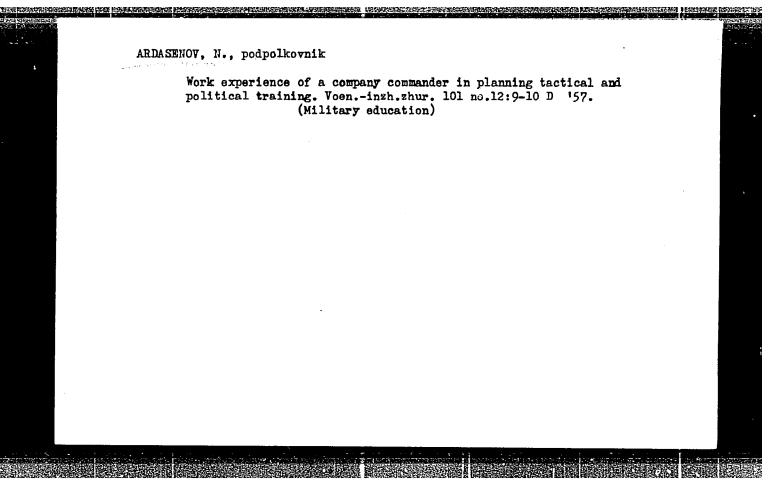
Functional indices of the adrenal cortex before and after administration of ACTH in some internal diseases. Vrach. delo no.4: 140 Ap 63. (MIRA 16:7)

BANKAN KANTAN BANKAN BANKAN PENDENGAN PENDENGAN PENDENGAN PENDENGAN PENDENGAN PENDENGAN PENDENGAN PENDENGAN P

1. Kafedra fakul'tetskoy terapii (ispolnyayushchiy obyazannosti zav.-dotsent N.A.Ardamatskiy) Ryazanskogo meditsinskogo instituta.

(ADRENAL CORTEX) (ACTH)





SAMOYLOVICH, D. N. BARINOVA, Ye. S., and ARDASHEV (fnu)

"On the possibility of change of sensitivity of nuclear emulsion during irradiation"

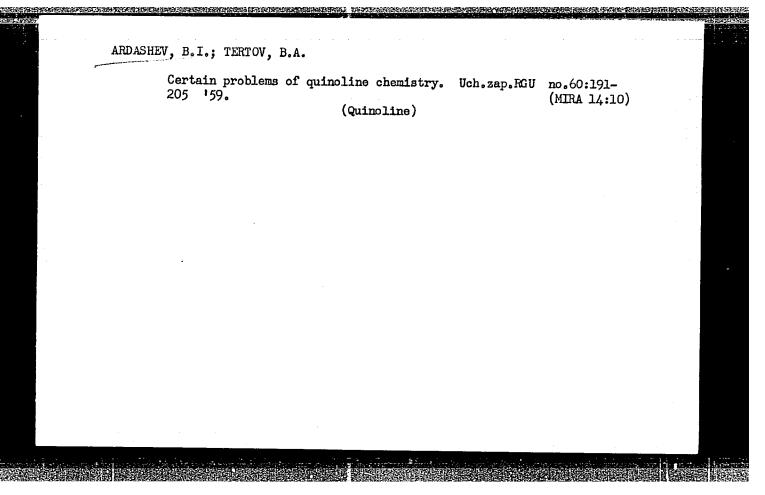
Fourth International Colloquium on Photography (Corpuscular) - Munich, West Germany, 3-8 Sep 62

ARDASHEV (fnu), BARINOVA, Ye.S., SAMOYLOVICH, D.M., RYABOV, V.D., and YUKHNOVSKAYA, O.P.

"On the chemical ripening of the R emulsion"

Fourth International Colloquium on Photography (Corpuscular) - Munich, West

Germany, 3-8 Sep 62

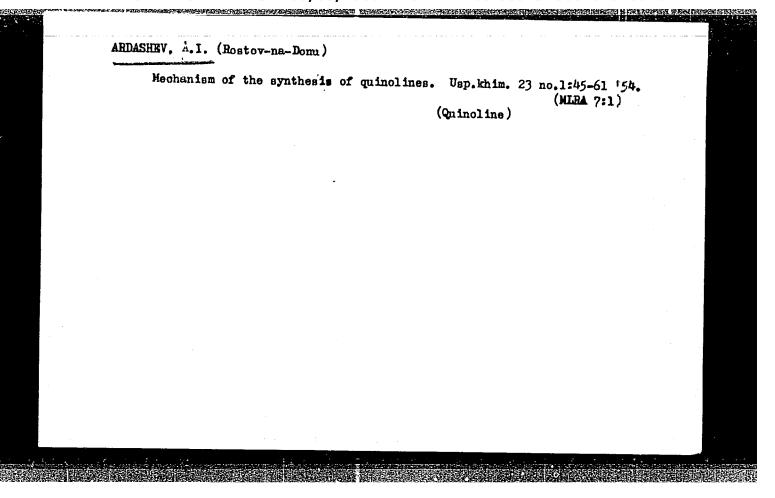


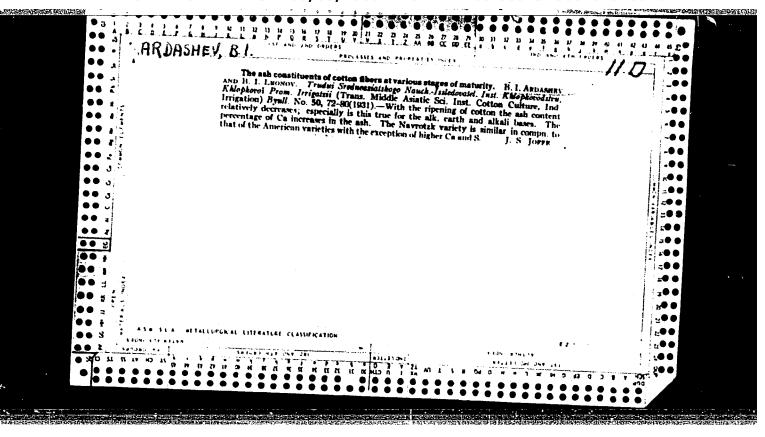
ARDASHEV, A.B.; MIZRONH, L.I., nachal'nik planovogo otdela tresta.

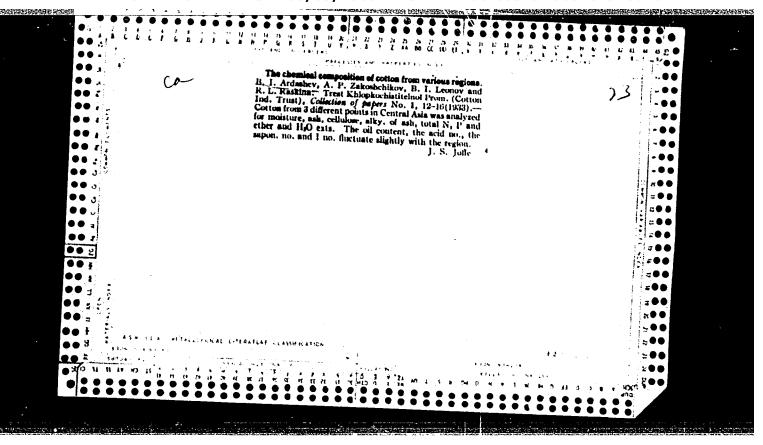
For effective organization of construction work. Gor.khoz. Mosk.
29 no.12:9-11 D '55. (MLRA 9:3)

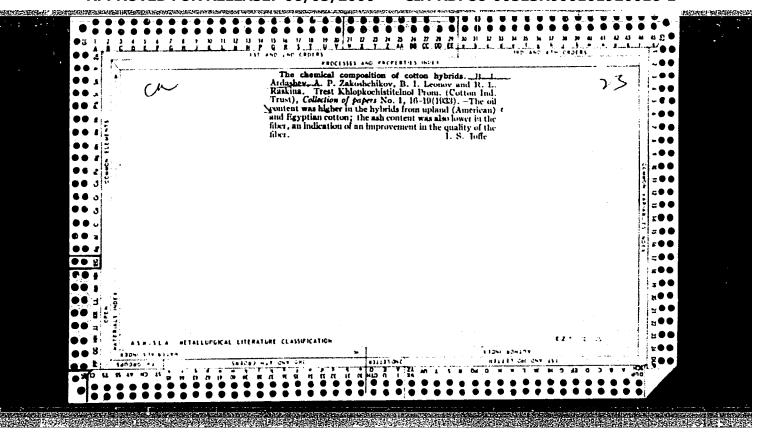
1. Upravlyayushchiy trestom "Moszhilgoststroy" (for Ardashev).

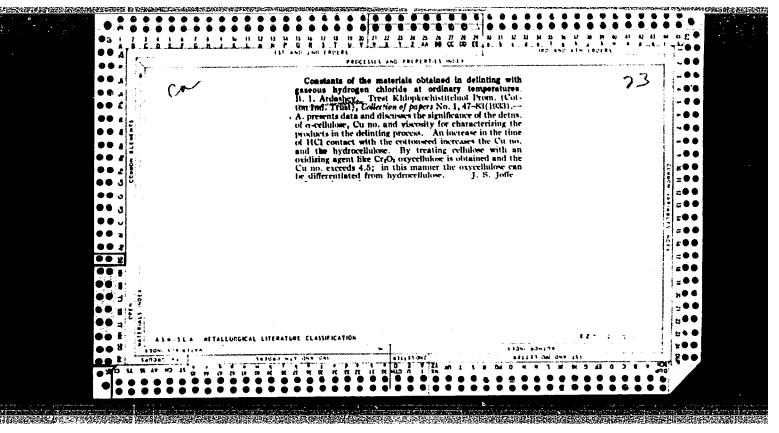
(Moscow--Construction industry)

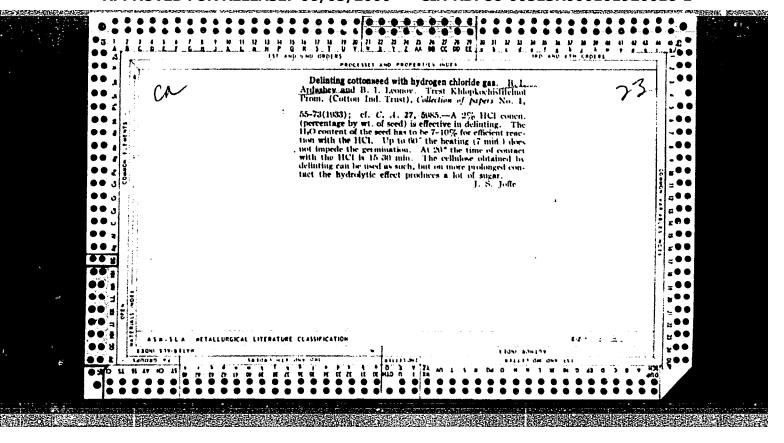


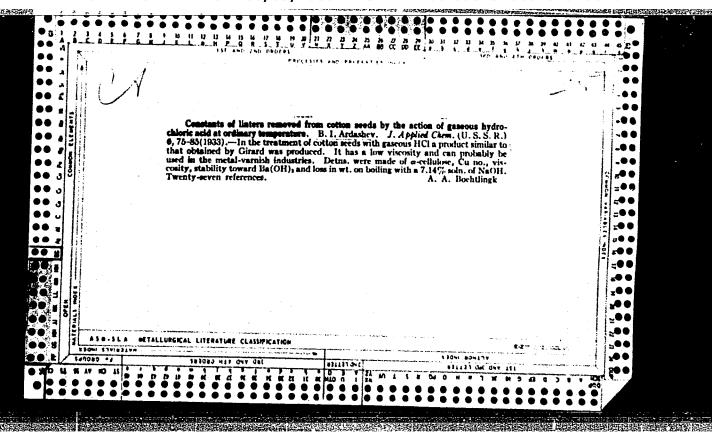


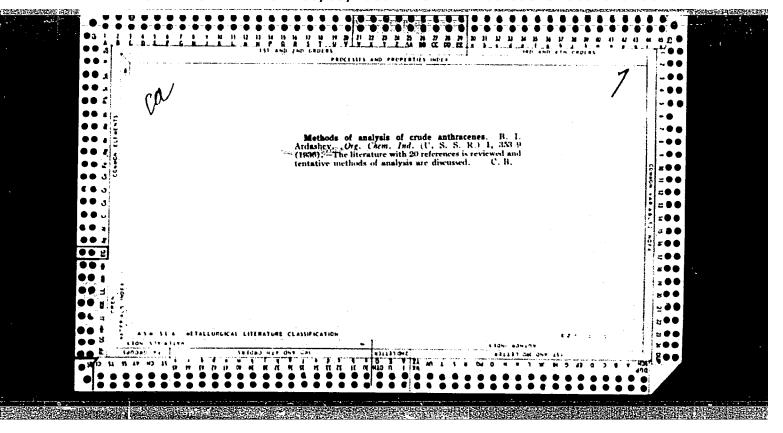


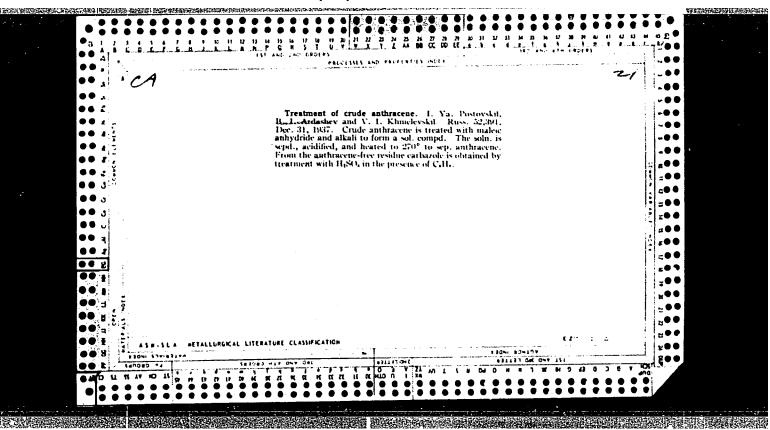


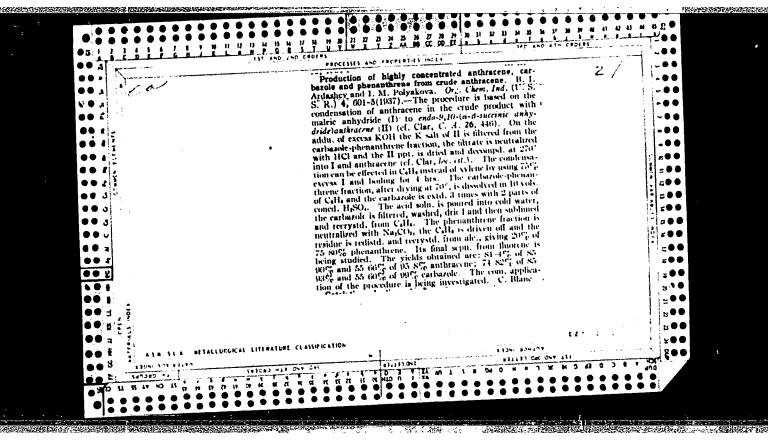


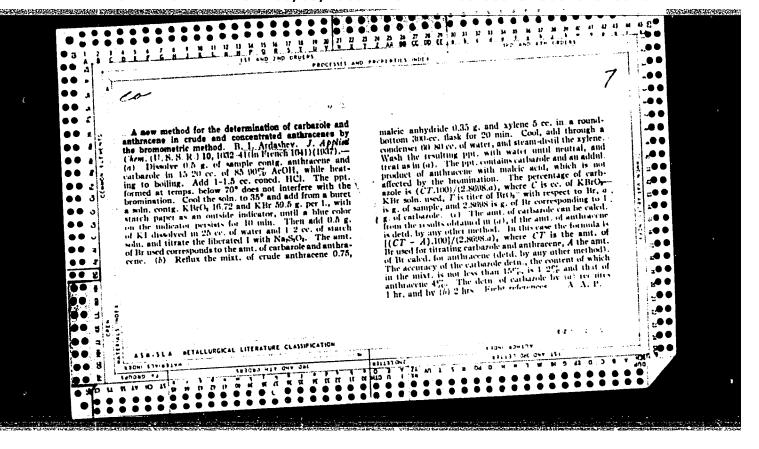


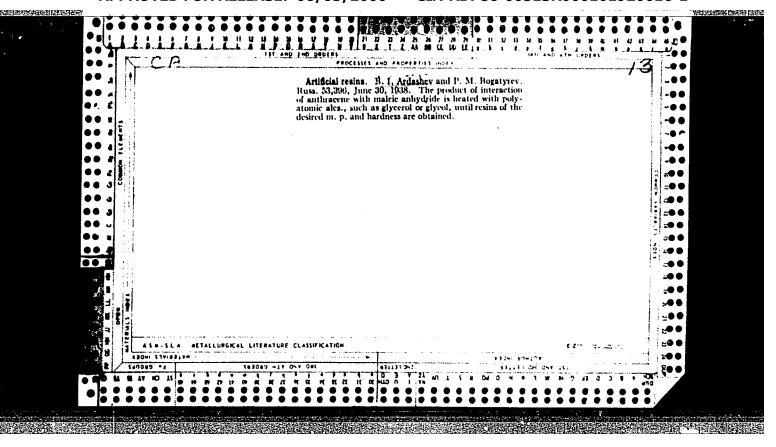


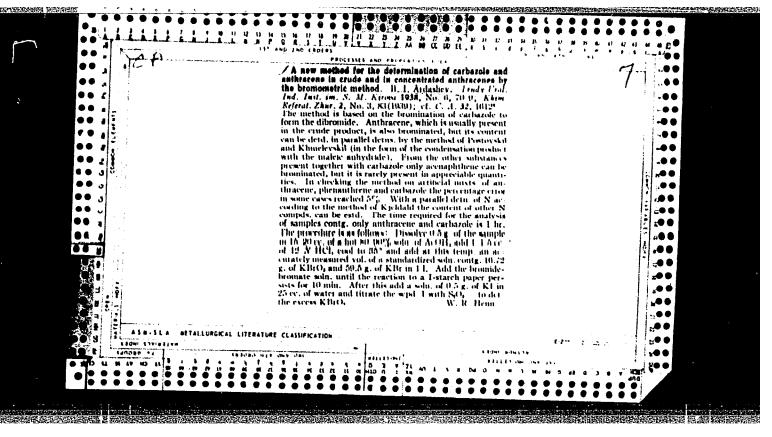


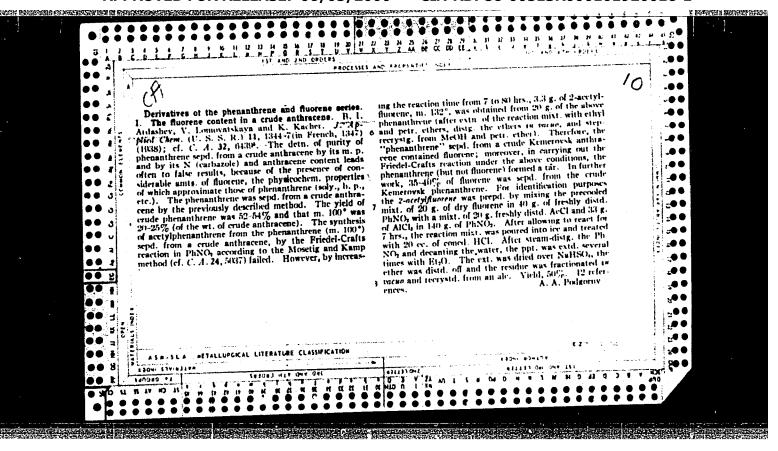












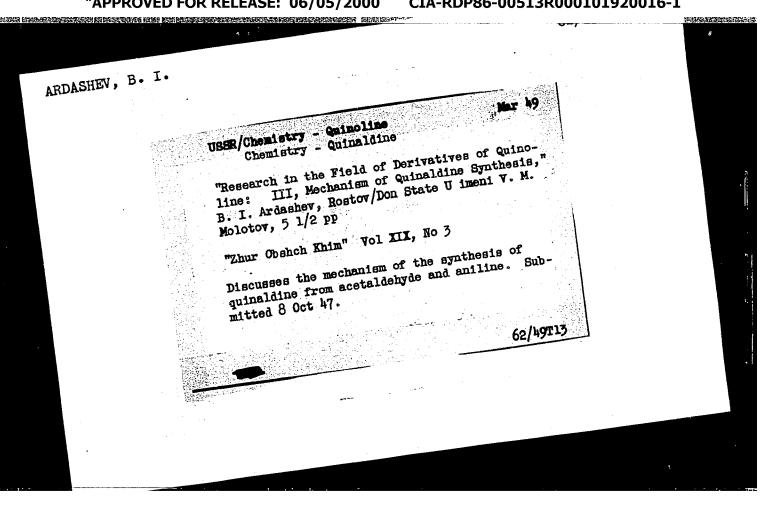
ARDASHEV, B. I.

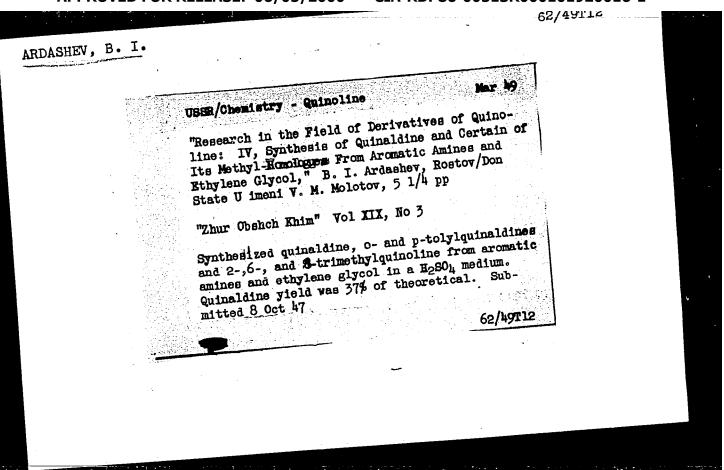
Reaction of s.o.-unsaturated aldehydes with aromatic amines. I. The Skraup reaction, mechanism. B. L. Ardashev (Novocherkassk Industrial Inst.). J. Grn. Uten. (U.S.S.R.) 10, 47-52 (1946).—A review of the current ideas on the mechanism of the Skraup reaction is presented. A definite mechanism is proposed according to which polymerization products of allylideneaniline take part in the over-all reaction. Such polymerization products were isolated from the reaction mixt, under appropriate conditions. Although A. was unable to isolate compds, of the type RNHCH₂CH:CHNIIR from PhNH₃ acrolein reaction of Ph₂NH, while, in the case of PhNH₃, resins having the probable structure—NPhCH:CHCH₂-NPhCH:CHCH₂—were obtained. Heating of aeroleinaniline (prepd. according to Mann, C.J. 17, 77) with H₂-SO₄ failed to yield any quinoline. PhNH₃ (14 g.) was slowly treated in a CO₂ atm, with S.J. g. aerolein which was distd. into the PhNH₄ by evapm, at 35–10° jethe mixt, was heated to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling for I hr., treated with alkali, and steaminested to boiling heater treated and trea

ARDASHEV, B.I.

Ardashev, B.I. "Synthesis of quinonyl substitutes from aromatic amines and ethylene glycol," (reference), Soobshch. o nauch. rabotakh chlenov Vsesoyuz. khim. o-va im. Mendeleyeva, 1948, Issue 2, p. 26-28

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

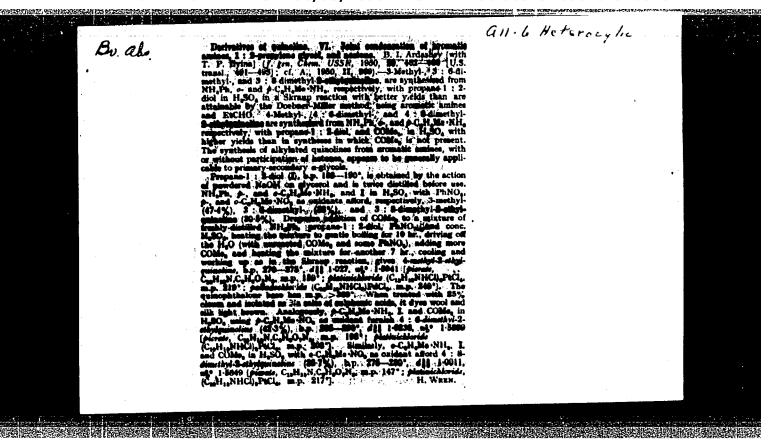


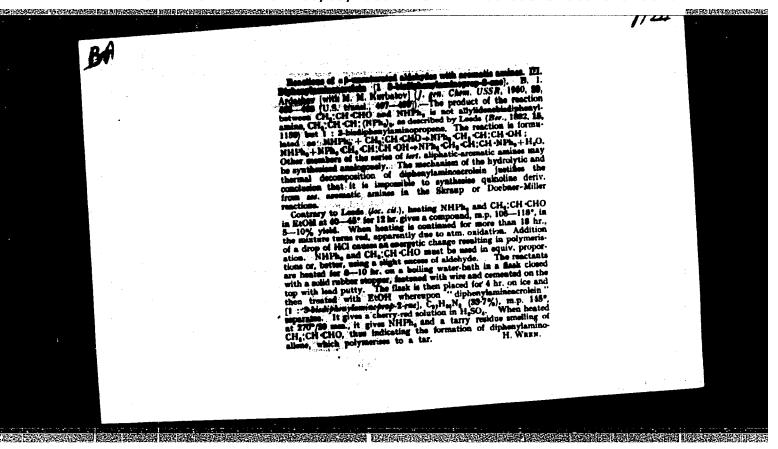


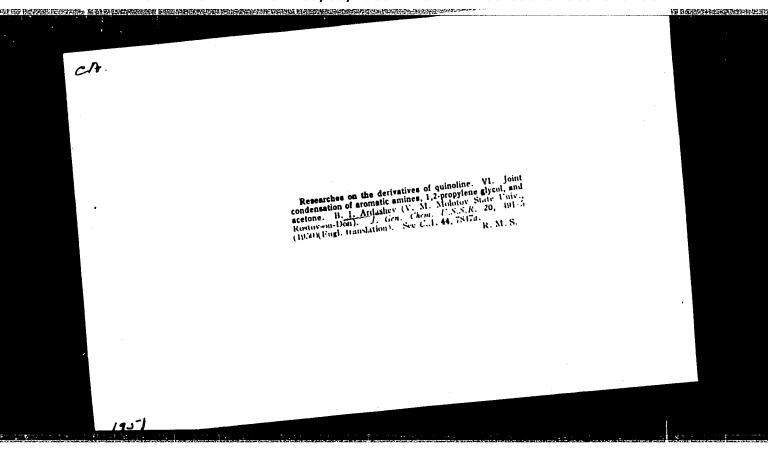
Uninoline derivatives. V. Simultaneous condensa-Quinoline derivatives. V. Simulteneous condensa-tion of aromatic amines and ethylene glycol with actione or methyl ethyl ketone. B. 1. Ardashev. Zhur. Obrikhel Khim. (J. Gen. Cheim.) 19, 1033-63(1040); ct. C.A. 43, 7020g.—Condensation of ArNH₁, Me₃CO, and (CHI/0H)₂ in the presence of H₂SO₂ and ArNO₂ yields quinaldine deriva., formed by a reaction which apparently proceeds through ethylideneaniline deriva-/which react with Me₃CO and cyclize to the final products; when MeEtCO is used in the reaction with PhNH₂, the chole meather is 4-schylominaldine, indicating that the when McECO is used in the reaction with PhNH₃, the chief product is 4-ethylquinabline, indicating that the Mc group of the ketone enters the reaction. PhNH₄ (15.5 g.), 10 g. PhNO₃, and 50 g. freshle distd. (CH₂(H)) were treated, after mixing, with 31 ml. coned. H₂SO₃ followed by 20 ml. Mc₂CO with gentle warming on an oil bath (temp. instated); after addn. the mixt, was refluxed gently b hrs. at 140 5°, cooled, dild., and steam-distd. to remove PhNO₃, while the residue was made alk, with 10°, NaOH and again steam-distd, with the distillate being acidified by H₂SO₃, treated in the cold with 10 g. NaNO₃, and heated until N evolution stopped; another steam distn. and Bt₄O extn. gave 5°, crude quinabline, b. 250-67°, wfg. 1.6989, dfg. 1.050; the former gave the picrate, m. 190°, and the Hg salt (1), m. 165°, while the latter gave the picrate, m. 192°. If the heating of the initial mixt, is extended to 15-20 hrs., no quinabline is obtained and the yield of 2.4-dimethylheating of the initial mixt, is extended to 15-20 hrs., no quinaldine is obtained and the yield of 2,4-dimethylamoline b. 200 70°, rises to 25-25-27°; longer heating howers the yield. If, after 10 hrs. of heating, the mixt, is subjected to slow distn. (2 hrs.) of the resulting II₁O total distillate, 25 ml.), and reheated 5-0 hrs. with 10 ml. addal. Mc₂CO₁ a 30.2°; yield is obtained. The latter procedure gave, from 17-9 g. p-McCaH₂NI₁, 11.5 g. p-NcCaH₂NI₁, 50 g. (CH₂0II)₁, 34 ml. II₃SO₁ and 20 ml. Mc₂CO (10 ml. added after the distin. step), 28°; 2.4,6-trimethylquisodine, m. 38°; pixale, m. 202°; HgCl₂ salt, m. 155°. The osamalog gave 2.4,8-trimethylquinoline (10°(1), b. 275-82°; pixale, m. 100°; HgCl₂ salt, m. 233°. If (CH₂OII)₃ is omitted in the prepn. of 2,4-sh-methylquinoline (181 expt. above), the yield drops to

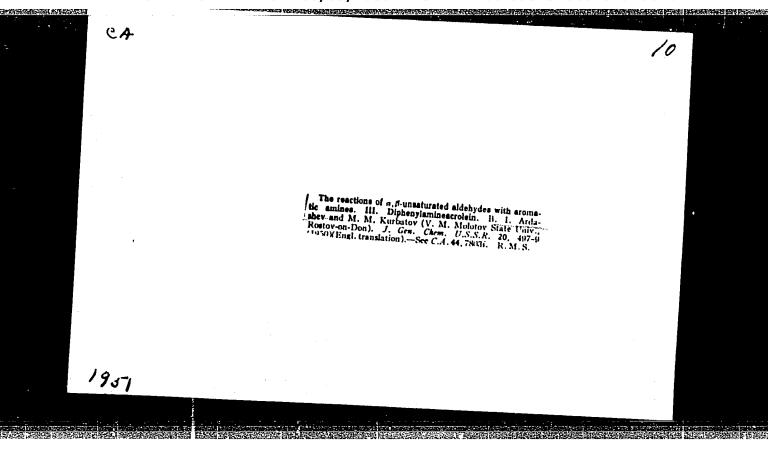
0.5%; if PhNH₂ is omitted, 10 his, refluxing gives but 1 g, products, b, 70-425, thus disproving Bayer's theory [J. prakt. Chem. 33, 398(1880)] of the initial formation of AcCH₂CH(0H)Me from AcH and Mc₂CO, Heating 10 g, quinddine with 30 g, (CH₂OH)₃, 15 g, Mc₂CO, and 30 ml. H₂SO, 20 his, to 140 5 gave 65 g unchanged quinaldine, some 2 5 g, 1ar, and but 10°, of a condensation product with AcH and Mc₂CO (not investigated). The procedure to 2.4-dimethylquinodine applied to a reaction unst. contg. McEtCO instead of Mc₂CO gave 16.2°, 2-mchyl-t-chylquinoline, in. 108° (taritate, in. 155°) parate, in. 210°; the product of Bahr (C.A. 17,92) was apportantly quite impure; the base forms a chlaroplatimate hydroxhloride, in. 278°, which forms a dihydrate; the dichronate forms yellow needles (from H₂O). The mother liquor from the preparate gradual ant. of 2.3,4-trinethylquinoline, b. 262-7°; picrate, in. 192°; (kloroplatinite, in. 215°.

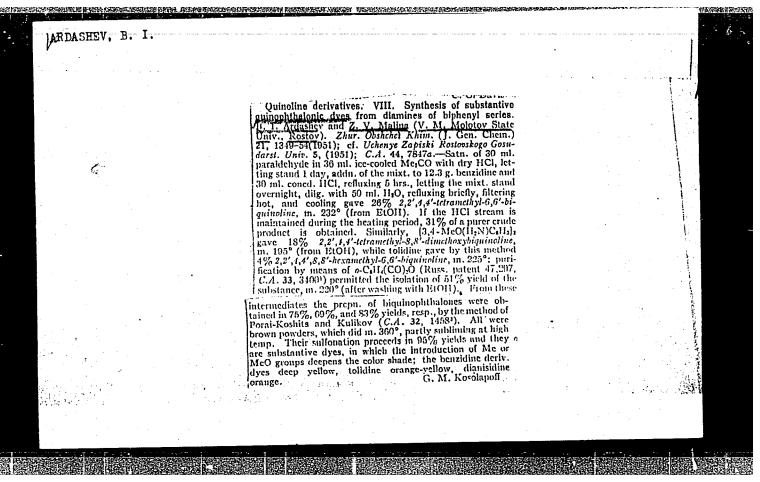
G. M. Kosolaboff

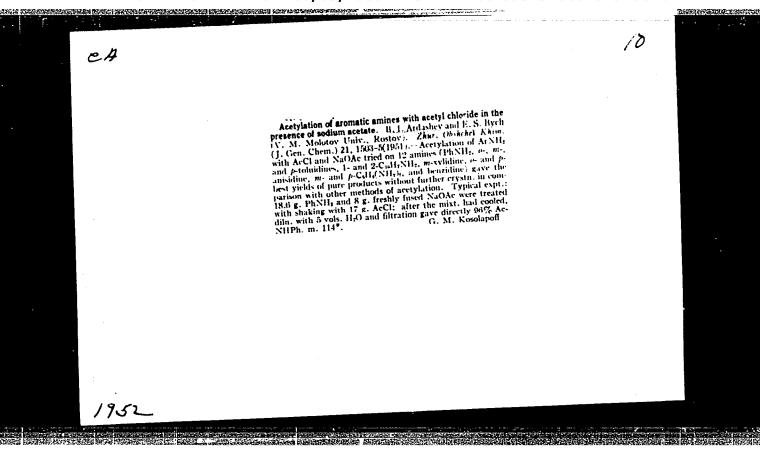


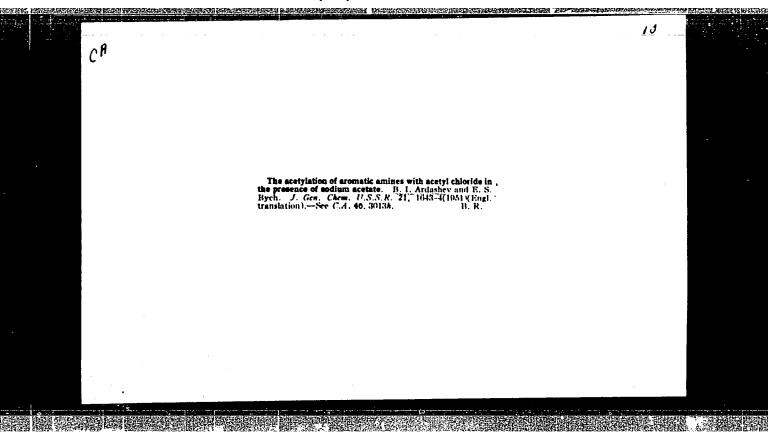


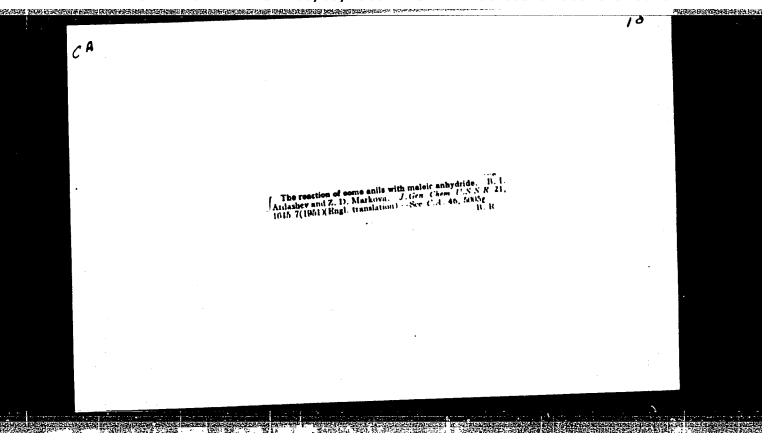


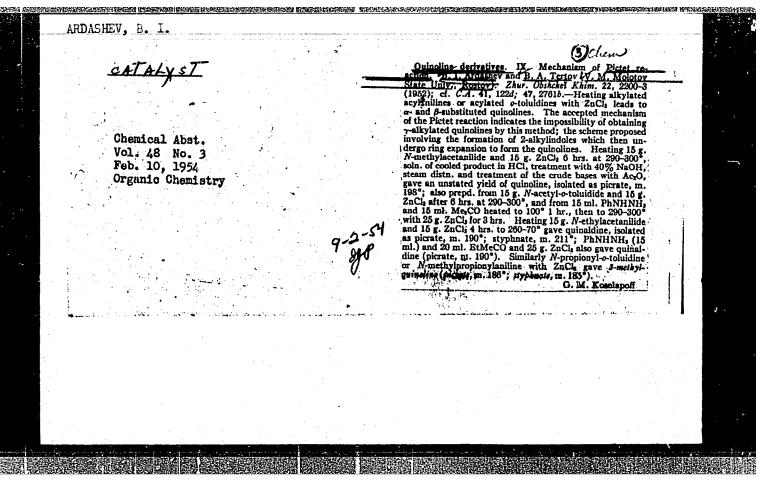




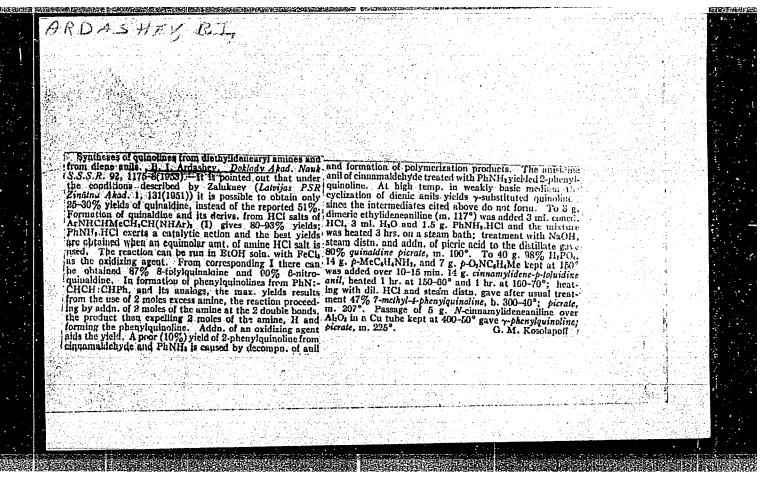


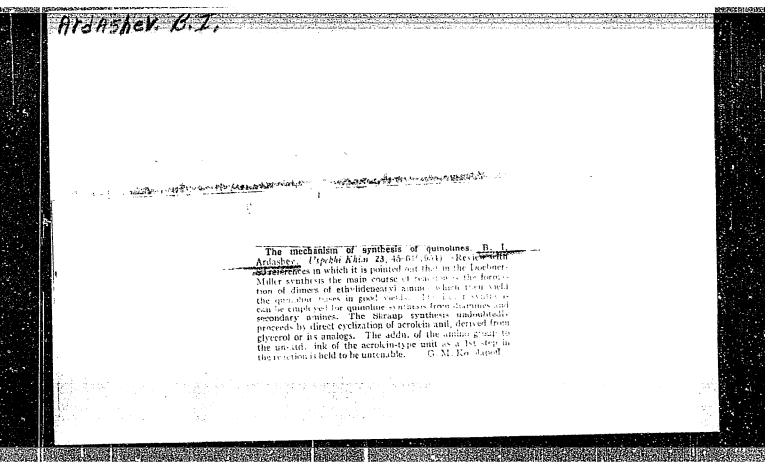


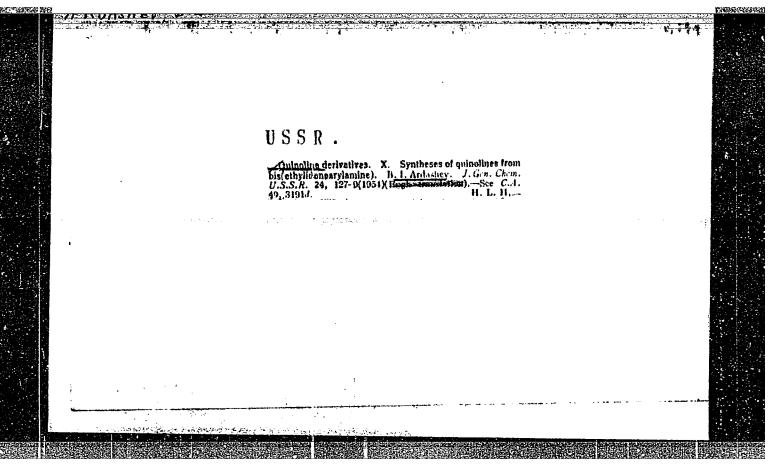




	Substitution of the substi				
Å	ardashev,	в. І.			
			•	3	
	•	· · · · · · · · · · · · · · · · · · ·		D Chem	
	Chemical Vol. 48	No. 9 1954 Chemistry		Outnoline derivatives. IX. Mechanism of Pictet reaction. B. I. Arogshev and B. A. Vertov. J. Gen. Chem. U.S.S.R. 22, 2257-9(1952) (Engl. translation).—See C.A. 48, 1360c.	
	Organic	Chemistry		my	
		na kanan masala masa kanan salah salah Masala		The second secon	
	* 4				
	4				
		A.			







MENDATE USSR/Chemistry - Synthesis

Card 1/1 Pub. 151 - 24/36

Authors

: Ardashev, B. I.

Title

: Quinoline derivatives, Part 10.- Synthesis of quinoline from diethylidene-

Periodical: Zhur. ob. khim. 24/1, 131-133, Jan 1954

Abstract

: The derivation of quinaldine and its substitutes (yields 80-90%) from diethylidenearylamines in an acid medium as well as in an alcohol solution in the presence of ferric chloride as the oxidizing agent is explained. The catalytic effect of aniline chloride on the yield of quinaldine and its derivatives is discussed. It was found that the new method applied in the synthesis of quino lines from diethylidenearylamines is well suitable for the derivation of quinaldine derivatives from o-substituted amines, nitroamines and for the synthesis of various quinaldine derivatives obtained in low yields by means of other methods. Twelve references: 7-USSR; 3-German and 2-French (1892-1951).

Institution:

The V. M. Molotov State University, Rostov

Submitted

September 4, 1953

ARDASHEY, B.-

USSR/Chemistry - Synthesis

Card 1/1 Pub. 151 - 25/38

Authors

: Ardashev, B. I., and Tertov, B. A.

Title

: Investigation of quinoline derivatives. Part ll .- Synthesis of lepidine and its derivatives from acetylated aryl amines

Periodical : Zhur. ob. khim. 24/2, 314-317, Feb 1954

Abstract

t The synthesis of lepidine, 6-methyllepidine and a hitherto unknown 4,8-dimethyllepidine from acetylated aromatic amines, formaldehyde and acetone, in an alcohol solution in the presence of ferric chloride, is described. The newly develored method for the synthesis of levidine and its derivatives was found to require comparatively little time (4 - 5 hrs) and is therefore recommended as a preparative method for the derivation of above mentioned substances. The effect of amine salt addition to the reaction mixture on the yields of lepidine products is explained. Nine references: 7-USSR; 1-USA and 1-German (1886 -1954).

Institution:

The V. M. Molotov State University, Rostov

Submitted

September 4, 1953

THE PART OF THE PROPERTY OF THE PARTY OF THE

ARDASHEY, B.I.

Name ARDASHEV, B. I.

Dissertation Investigations in the field of quinoline

and its derivatives

Degree Doc Chem Sci

Defended At Min Higher Education USSR, Rostov-on-

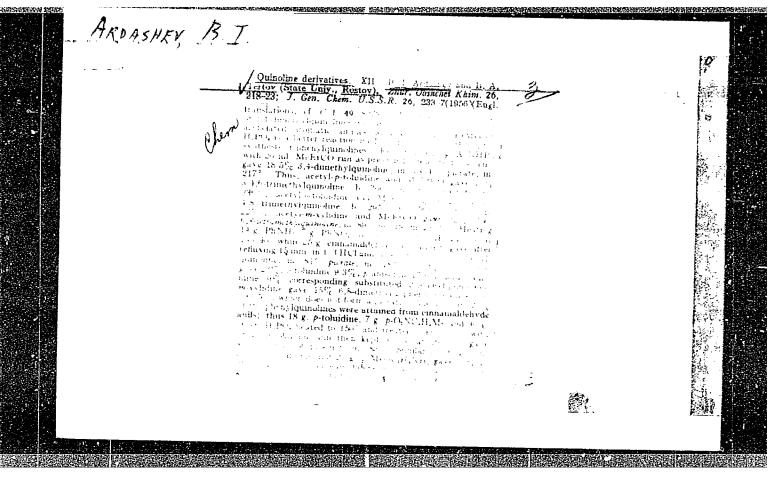
Don State U imeni V. M. Molotov, Chair

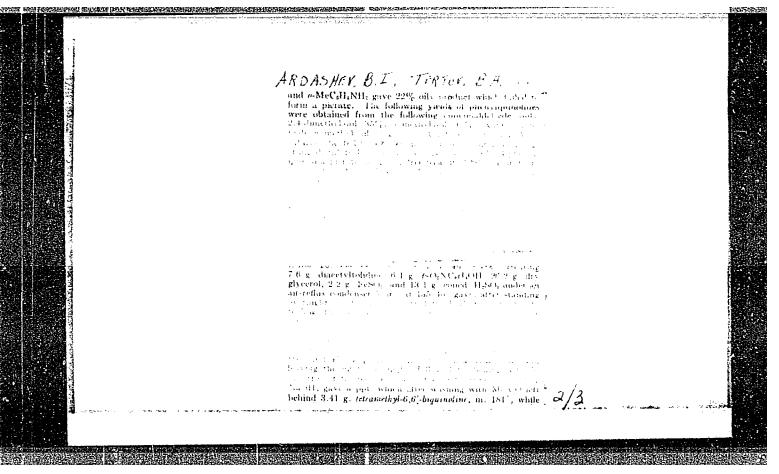
of Organic Chemistry

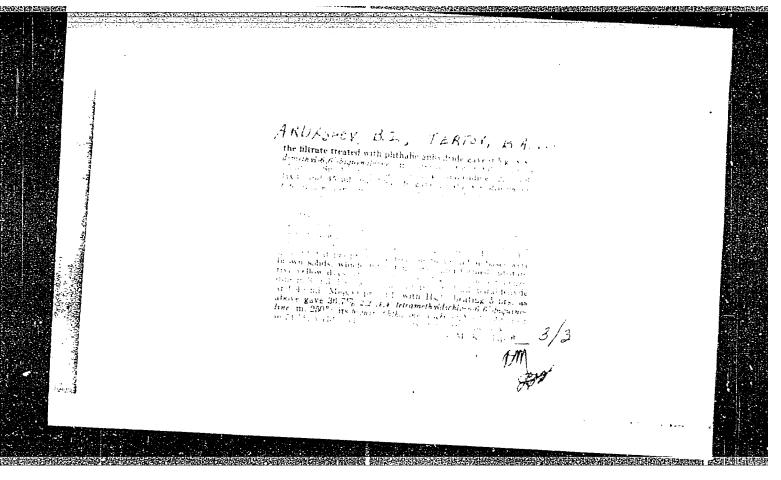
Publication Date, Place 1956, Rostov-on-Don

> Source Knizhnaya Letopis: No 6, 1957

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000101920016-1"







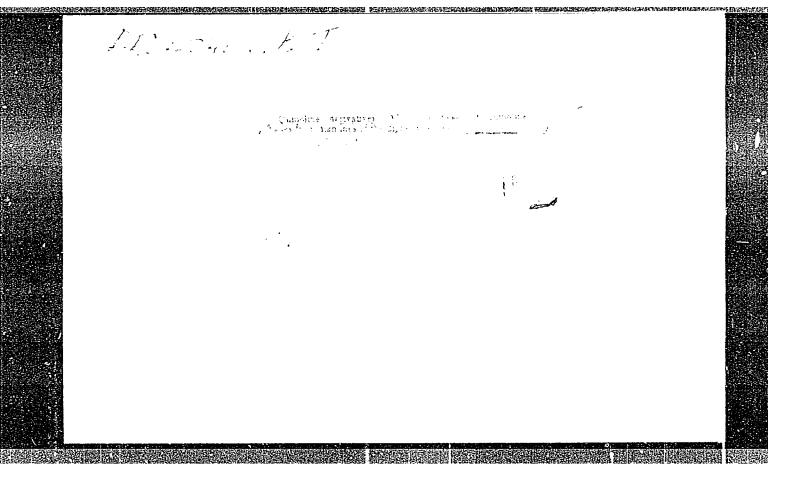
ARDASHEV, B.I.; KOZIENKO, Yu.M.

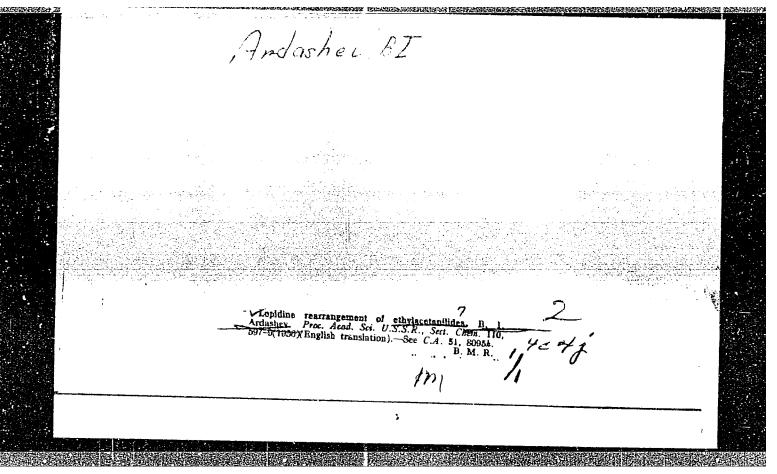
Research in the field of quinoline and of its derivatives. Part

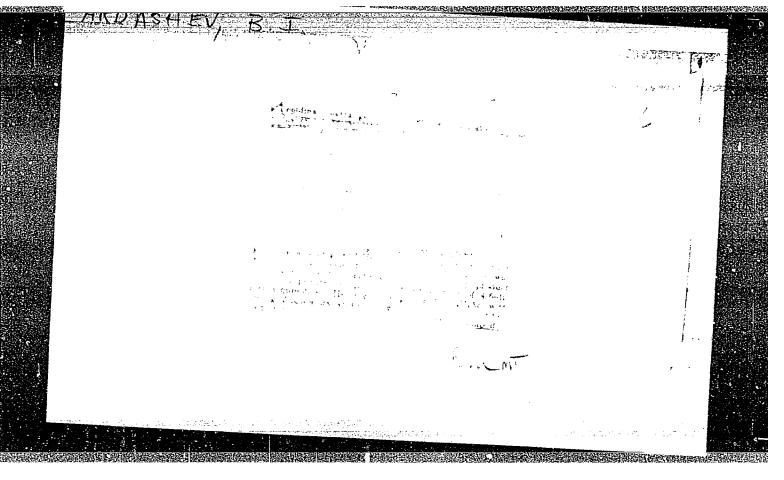
13. Synthesis of quinoline bases from diamines of the diphenyl series. Zhur.ob.khim. 26 no.2:498-500 F '56. (MLRA 9:8)

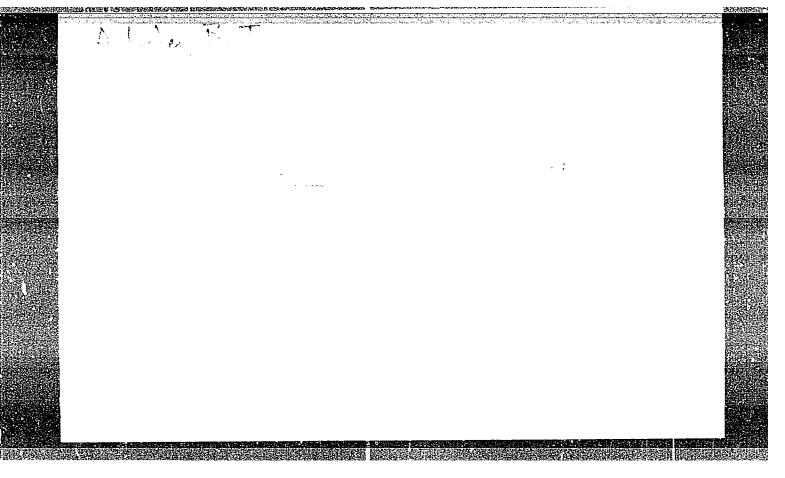
1. Rostovskiy gosudarstvennyy universitet.
(Quinoline) (Amines)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000101920016-1"









ARDASHEV, B. J.
AUTHORS: Tertov, B. A., Ardashev, B. I.

79-11-25/56

TITLE:

Synthesis of the Lepidine-Bases From Arylamines and Carbonyl Compounds (Sintez lepidinovykh osnovaniy iz arilaminov

i karbonil'nykh soyedineniy).

PERIODICAL:

Zhurnal Obshchey Khimii, 1957, Vol. 27, Nr 11,

pp. 3026-3028 (USSR)

ABSTRACT:

Bayer's (Beyera) synthesis of lepidine from aniline, formaldehyde and acetone belongs to the organic processes with consist of many and partially very rapidly progressing side reactions. Pictet and Misner tried the same conversion with arylanines and obtained lepidine and its homelogues only in a small yield of 3-5% of theory. By further tests this yield was not significantly increased. After analyzing the most important direction of reaction (formation of butanonaniline) and a number of side directions the authors came to the conclusion that the reaction should most expediently be carried out with small concentrations of aromatic amine and formaldehyde in the reaction mixture and with a large excess of acetone. The authors found that with arylamines, formaldehyde and acetone in the presence of iron chloride and

Card 1/2

Synthesis of the Lepidine-Bases From Arylamines and Carbonyl Compounds

79-11-25/56

zinc chloride the yields of lepidine bases are increased to 15-37%. The method suggested can be employed in the production of considerable quantities of lepidine bases. There are 7 references, 4 of which are Slavic.

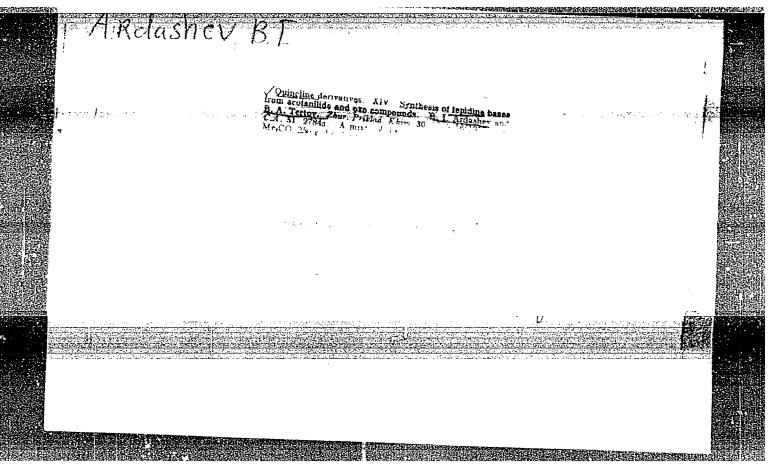
AS OCIATION: Rostov-na-Donu State University (Rostov-na-Donu Cosudar Svennyy universitet).

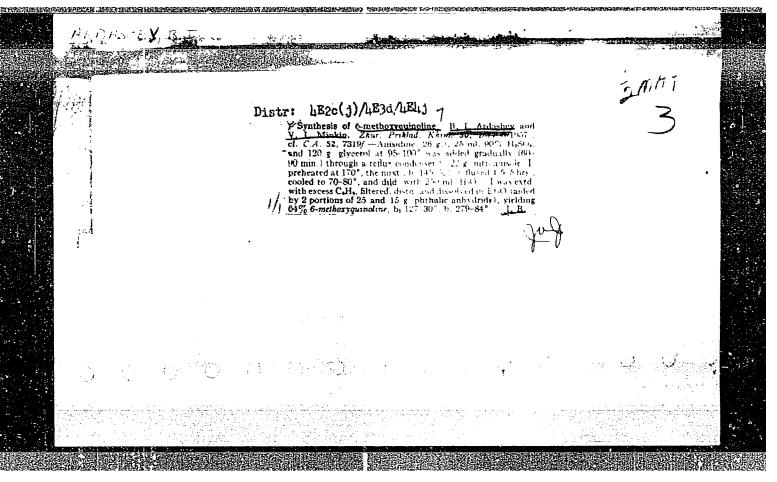
SUBMITTED: Fovember 9, 1956

AVAILABLE: Library of Congress

1. Lepidines - Synthesis 2. Arylamines - Chemical reactions 3. Carbonyls - Chemical reactions

Card 2/2





Ardashev, B. I. Minkin, V. I., Minkin, M. B. AUTHORS:

TITLE: On the Mechanism of the Transformation of

Arylamines (O mekhanizme peregruppirovok atsilirovannykh arilaminov)

Nauchnyye doklady vysshey shkoly, Khimiya i khimicheskaya PERIODICAL: tekhnologiya, 1958, Nr 3, pp. 536-529 (USSR)

ABSTRACT: The mechanism of the transformation of the acylarylamines

under the action of catalysts was investigated. This transformation takes place at higher temperatures in the presence of acid catalysts. The reaction of the transformation of acetanilide with the catalyst ZnCl, in an HCl current was experimentally carried out. After heating to 150-200 for 30 minutes NN'-diphenylacetamidine was formed in good yield. On a further increase in temperature this compound converts

to flavaniline. The NN-diphenylacetamidine crystallyses in the form of white needles; the yield is 76 %. On the addition

of anhydrous ZnCl, and after heating for several hours (5 hours) to 250°C in a week HCl current flavaniline is Card 1/2

SOV/156.-58-3-31/52 On the Mechanism of the Transformation of Acylated Arylamines

> formed in a yield of about 41 %. There are 18 references, 4 of which are Soviet.

ASSOCIATION:

Kafedra organicheskoy i organicheskoy khimii Novocherkasskogo politekhnicheskogo instituta

(Chair of Inorganic and Organic Chemistry at the Novocherkasak

Polytechnical Institute)

SUBMITTED: February 17, 1958

Card 2/2

Ardashev, B. I., Minkin, V. I., SOV/74-28-2-5/5

(Novocherkassk)

TITLE: Regroupings and Migrations of Acyls in the Series of Aromatic Amines (Peregruppirovki i migratsii atsilov v ryadu aromaticheskikh aminov)

PERIODICAL: Uspekhi khimii, 1959, Vol 28, Nr 2, pp 218-234 (USSR)

ABSTRACT: In spite of a large number of papers in this field, regrouping

In spite of a large number of papers in this field, regroupings of acylated aromatic amines described in this paper have not yet been systematically dealt with in publications. By means of regrouping of acylated arylamines nitrogenous heterocyclic compounds of the quinoline and acridine series, difficultly accessible arylamino ketones and substituted aminoaryl benzoic acids a. o. can be obtained. The regrouping of acetanilide which is accompanied by a shift of the acetyl group toward the aromatic nucleus, was detected by Fischer and Rudolph Ref 2). The regrouping of acylanilides in the presence of acid catalysts is usually not terminated by the formation of arylamino ketones. This fact is explained by an increased reactivity of the substances formed which readily enter into condensation and cyclization. During reaction in

Card 1/4

Regroupings and Migrations of Acyls in the Series of Aromatic Amines

507/74-28-2-5/5

glacial acetic acid by the influence of sirupy phosphoric acid aromatic amino ketones in the form of acetyl derivatives can be separated (Ref 13) the latter of which have been formed by reacylating in acetic acid. Due to the volatility of o-arylamino ketones with steam the isomers can be easily divided. O-arylamino ketones are extremely reactive compounds. If subjected to strict conditions of regrouping of acylanilides they can readily transform into different nitrogenous heterocyclic compounds. The investigation of the regrouping mechanism presents great difficulties. Besides, one and the same regrouping may take place according to various mechanisms which is conditioned by the used catalyst. In this case all regroupings of acylanilides may be divided into three kinds: 1) regrouping with AlCl; 2) regroupings with phosphoric acids; 3) regroupings with ZnCl2. Nevertheless the regrouping mechanism is insufficiently investigated and requires further investigations. The regrouping of alkylacylanilides taking place in polar solvents and in the presence of ionizing

catalysts is probably a heterocyclic reaction. Results obtained

Card 2/4

Regroupings and Migrations of Acyls in the Series of Aromatic Amines

SOV/74-28-2-5/5

by the regrouping of different alkylacylanilides are given in Table 1. The reaction is bribing in its effect due to the accessibility of the initial compounds, however, requires further investigation. On heating acylated diarylamines or a mixture of diarylamines and carboxylic acids, anhydrides or acid chlorides in the presence of ZnCl₂ at 200-300° a shift

of the acyl residue from nitrogen into the ortho-position toward the amino group and a cyclization into corresponding mesosubstituted acridines take place. Acridines can be obtained by means of regrouping of the previously synthesized acyl derivative of the diarylamine. However, the yield remains unchanged as in the case of the main reaction (Refs 49, 51, 66) Chemical, physiological and other characteristics of acridines are described in detail i Albert's monographs (Refs 76, 94). The problem of the regrouping mechanism of diacylanilides cannot be considered to be solved. Some investigation results of this reaction are summarized in Table 2. A special case is the regrouping of N-arylphtalimides taking place on its heating up to 200-225° with the alloy NaCl + AlCl 3. The

Card 3/4

Regroupings and Migrations of Acyls in the Series SOV/74-28-2-5/5 of Aromatic Amines

intermolecular nature of this reaction is obvious. In all cases investigated the reaction took place exclusively in the ortho-position to the amino group. In conclusion it may be stated that the regroupings of acyl radicals are of decisive importance to the synthesis of aromatic and heterocyclic emines which are important from a practical point of view. There are 2 tables and 117 references, 27 of which are Soviet.

Card 4/4 USCOMM-DC-60842

ENTRY OF THE STATE OF THE STATE

ARDASHEV, B. I.

AUTHORS: Ardashev, B. I., Minkin, V. I.

79-2-59/64

TITLE:

Investigations in the Field of Quinoline Derivatives (Issledovaniya v oblasti proizvodnykh khinolina). XVII. Synthesis of Some 6- and 8- Alkoxy Quinolines (XVII. Sintez nekotorykh 6- i 8- alkoksikhinolinov).

PERIODICAL:

Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 2, pp. 545-546 (USSR)

ABSTRACT:

The hitherto applied methods for the synthesis of alkoxy quinolines according to Skraup (ref. 1), Kon (ref. 4), Das et al. (ref. 6) were deficient. With a quiet reaction a good yield was achieved on the occasion of gradual addition of a mixture of amine, sulfuric acid, and glycerin to the oxidizing agent which was heated to a temperature higher than that of the reaction temperature. This method was suggested by Walter (ref. 10) and recommended by Manske (ref. 11). The present method has some advantages in comparison to the alkylation of the 8-oxyquinoline according to Bedall (ref. 12) or Fränkel (ref. 13) or to the synthesis with arsenic acid according to Knüppel (ref. 14, 15). In the present work 6- and 8- methoxy quinoline as well as 6- and 8-ethoxy quinoline were synthesized according to the above mentioned alterated method. The yields amounted to 38 - 64%, the specific data of the products are given.

Card 1/2

Investigations in the Field of Quinoline Derivatives. XVII. Synthesis of Some 6- and 8- Alkoxy Quinolines.

79-2-59/64

There are 17 references, 3 of which are Slavic.

ASSOCIATION:

Rostov State University (Rostovskiy gosudarstvennyy universi-

tet).

SUBMITTED:

January 31, 1957

AVAILABLE:

Library of Congress

Card 2/2

AUTHORS:

Ardashev, B.I., Minkin, V.1.

SOV/ 79-28-6-32/63

TITLE:

Investigations in the Field of Quinoline Derivatives (Issledovaniya v oblastí proizvodnykh khinolina).

XIX. New Method of Synthesis of Quinoline by Regrouping Acylated Arylamines (XIX, Novyy metod sinteza khinolinov

peregruppirovkoy atsilirovannykh arilaminov)

PERIODICAL:

Zhurnal obshchey khimii, 1958, Vol. 28, Nr 6, pp. 1578-

1581 (USSR)

ABSTRACT:

In the investigation of the lepidine regrouping of the ethyl acetanilides the authors carried out regroupings of a series of alkyl formalinides which take place on milder conditions in a nitrobenzene medium. The existing data permit to make the assumption that the catalytic regroupings of the alkyl acylanilides make possible the synthesis of various quinoline derivatives and that it appears as one of the few quinoline syntheses which have general character. The mechanism of the investigated regrouping differs from that of the reaction according to Pictet (Ref 12) (Pikte) and is not connected with any cleavage of the alkyl radical from nitrogen, as the lpha , eta-dimethyl indole to be expected in

Card 1/3

sov/ 79-28-6-32/63

Investigations in the Field of Quinoline Derivatives. XIX. New Method of Synthesis of Quinoline by Regrouping Acylated Arylamines

this case in the conversion with hydrochloric aniline does not permit lepidine to be formed. As was found in the first stage of the reaction N, N; -diaryl-N-alkyl acylamidine is formed which is obtained on heating (150-160°) the amine salts with their acyl derivatives (Refs 16,17). The best yields of the products were actually obtained in using the amine salt at equivalent ratios. At higher temperature the amidines regroup to the anil of the corresponding o-aminocarbonyl compound which then cyclizes into the quinoline (see scheme). The investigated reaction in principle appears as a new method of the synthesis of quinoline. There are 1 table and 29 references, 13 of which are Soviet.

ASSOCIATION:

Rostovskiy-na-Donu gosudarstvennyy universitet

(Rostov-na-Donu State University)

SUBMITTED: Card 2/3

March 25, 1957

SOV/79-28-6-32/63

Investigations in the Field of Quinoline Derivatives. XIX. New Method of S_y nthesis of Quinoline by Regrouping Acylated Arylamines

1. Quinolines--Synthesis

Card 3/3

MINKIN, V.I.; ARDASHEV, B.I.

,我们就是这种知识的变化的,但是我们的现在,我们的现在分词,我们也不是不是,不是我们不会的,这种,我们就会没有的,但是我们的的,但是我们们会会会会会,可以不是不

New means of preparing quinaldine bases and N-arylquinaldine salts by condensation of aryl amines with aldehydes. Part 20. Zhur.ob.khim. 28 no.9:2556-2560 S 58. (MIRA 11:11)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Quinaldine compounds) (Condensation products (Chemistry))

CIA-RDP86-00513R000101920016-1 "APPROVED FOR RELEASE: 06/05/2000

AUTHORS:

的现在分词 (1914年) (1914年) [1914年) [1914年] [1914年] [1914年] [1914年] [1914年] [1914年] [1914年] [1914年] [1914年] [1914年]

Ardashev, B. I., Minkin, V. I.

SOV/79-29-1-43/74

TITLE:

Investigations in the Field of Quinoline and Its Derivatives (Issledovaniya iz oblasti khinolina i yego proizvodnykh). XXI. Simultaneous Condensation of Aryl Amines With Hydracrylic Aldehyde (XXI. Sovmestnaya kondensatsiya arilaminov

s gidrakrilovym al'degidom)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 1,

pp 200 - 202 (USSR)

ABSTRACT:

In a previous paper (Ref 1) Ardashev showed that hydracrylic aldehyde (β-oxypropionaldehyde) is capable of reacting in the Skraup reaction beside acrolein. In this connection it was of interest to investigate the reaction of some aromatic amines with this aldehyde in order to obtain quinolines. Apart from one patent by Chichibabin ("Ref 5) this reaction has hitherto remained unknown. It was found that already under the usual conditions of the Skraup synthesis, i.e. in the case of addition in drops of aldehyde to the reaction mixture at 120-140° quinoline is obtained in a yield of 15%. On using a lighter oxidizing agent, nitrobenzene sulfuric acid and by carrying out the reaction in a diluted solution

Card 1/2

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000101920016-1"

Investigations in the Field of Quinoline and Its SOY/79-29-1-43/74 Derivatives. XXI. Simultaneous Condensation of Aryl Amines With Hydracrylic Aldehyde

with hydracrylic aldehyde, quinolines are obtained in yields up to 50%. Thus, the conclusion can be drawn that in the usual Skraup reaction with glycerin (also acrolein if no glycerin is available) part of the reaction is the reaction with hydracrylic aldehyde formed from glycerin or acrolein. This reaction was extended to diaryl amines. E.g. n-phenyl quinoline salt was synthesized from diphenyl amine. Thus, it was determined that it is also possible to introduce secondary amines into the modification of the Skraup synthesis, with hydracrylic aldehyde. Among some ways of reaction of this aldehyde with aryl amines which lead to quinolines the most probable one is shown in the scheme. There are 10 references, 7 of which are Soviet.

ASSOCIATION:

Novocherkasskiy politekhnicheskiy institut (Novocherkasski

Polytechnical Institute)

SUBMITTED:

November 21, 1957

Card 2/2

5(3) AUTHORS:

Minkin, V. I., Ardashev, B. I.

sov/79-29-4-18/77

TITLE:

Investigations in the Field of Quinoline and Its Derivatives (Issledovaniya iz oblasti khinolina i yego proizvodnykh). XXIII. A New Method of Synthesis of Quinaldine Compounds and N-Aryl Quinaldine Salts (XXIII. Novyy sposob polucheniya khinal'dinovykh soyedineniy i N-arilkhinal'diniyevykh soley)

real control of the second control of the second of the se

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 4, pp 1129-1132

(USSR)

ABSTRACT:

The quaternary quinoline salts with an aryl radical on the nitrogen are important as initial products for the synthesis of cyanine dyes and photosensitizers (Ref 1). The test accessible substances of the quinoline arylates synthesized according to references 2 - 5 are the N-aryl quinaldine salts which are obtained according to Skraup (Ref 5). All synthesis methods known so far have the general disadvantage that they are little suitable for the introduction of higher fatty aldehydes into the reaction with diaryl amines. In connection with the above-said results the authors used the variation of quinaldine synthesis earlier devised by them (Ref 7) for

Card 1/3

Investigations in the Field of Quinoline and Its Derivatives. XXIII. A New Method of Synthesis of Quinaldine Compounds and N-Aryl Quinaldine Salts 807/79-29-4-18/77

the purpose of synthesizing some hitherto unknown 2,3-dialkyl quinoline arylates from diaryl amines and higher fatty aldehydes (Ref 7). This synthesis is based on the separate performance of two steps of development: 1) On the formation of the dimers of vinyl diphenyl amine, which possibly exhibit cyclic structure (Ref 8), and 2) on their dehydrogenation to the quinoline derivatives. The first step is carried out in neutral, the second in acid medium. The formation of the N-aryl-2,3-dialkyl-quinoline salts can be illustrated in connection with the previously suggested scheme (Refs 7, 9) according to the given scheme. The yield of the reaction products in the form of their perchlorates is 20 - 65 %. One molecule of quinoline arylate is formed, accordingly, from 2 molecules of the initial diaryl amine. The primary aromatic amines in the form of their acyl derivatives yield, under equal conditions, also quinaldine products, probably according to the above scheme. The reaction described is of general importance. There are 11 references, 10 of which are Soviet.

Card 2/3

Investigations in the Field of Quinoline and Its Derivatives. XXIII. A New Method of Synthesis of Quinaldine Compounds and N-Aryl Quinaldine Salts

507/79-29-4-18/77

ASSOCIATION: Novocherkasskiy politekhnicheskiy institut (Novocherkassk Polytechnic Institute)

SUBMITTED: January 14, 1958

Card 3/3

5(3) AUTHORS:

Ardashev, B. I., Tertov, B. A.

SOV/79-29-9-53/76

TITLE:

Investigations in the Field of Quinoline and Its Derivatives.

XXIII. N-Aryl Lepidinium Salts

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 9, pp 3050-3052

(USSR)

ABSTRACT:

The rare papers published on the subject of quaternary N-aryl salts of quinoline and its derivatives are mentioned (Ref 1), and the papers by G.T. Pilywin et al. (Refs 2-5) are discussed in detail. The authors found that according to the method devised by them (Ref 6) diarylamines condense jointly with formaldehyde and ketones at normal pressure (Ref 6) under the formation of N-aryl lepidinium salts in a yield of 15-19% (Scheme). It is interesting to note that the introduction of nitrobenzene into the reaction mass increases the yield by four to five times.

There are 6 Soviet references.

ASSOCIATION:

Novocherkasskiy politekhnicheskiy institut (Novocherkassk

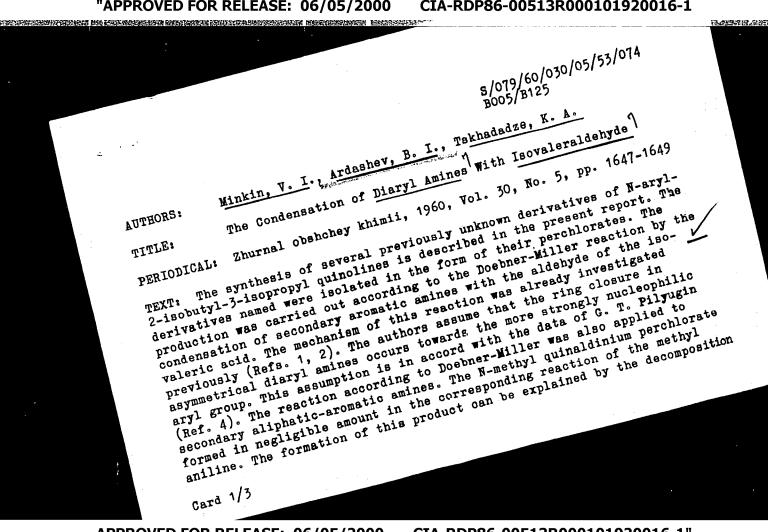
Polytechnic Institute)

SUBMITTED:

July 22, 1958

Card 1/1

CIA-RDP86-00513R000101920016-1 "APPROVED FOR RELEASE: 06/05/2000



The Condensation of Diaryl Amines With Isovaleraldehyde

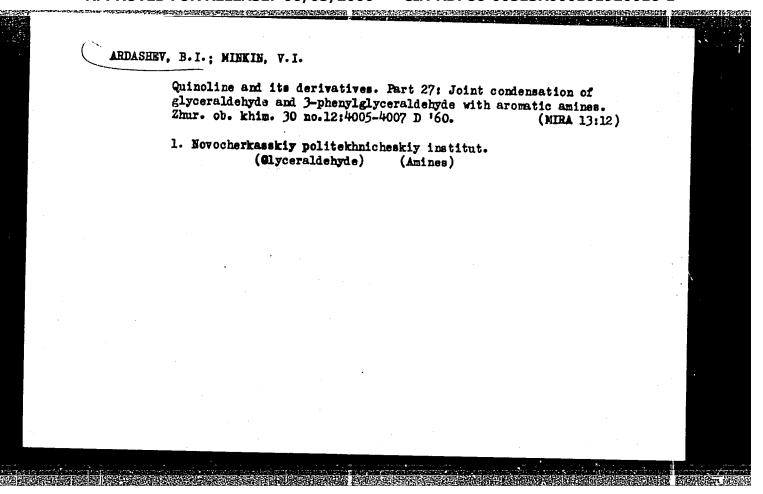
s/079/60/030/05/53/074

of the intermediately forming dimer of the vinyl methyl aniline under the separation of methane (vide also Refs. 8, 9). The schemata of the formation of the normal reaction product and the by-product mentioned are given. The reaction worked out by the authors can be carried out on the one hand with various aromatic and aliphatic-aromatic secondary and acylated primary amines, and on the other hand with various aliphatic aldehydes; and it can generally be used for the synthesis of arylates and alkylates of quinaldine and of 2,3-dialkylquinoline. Nitrobenzene or another polar solvent can be used as a solvent. o-Nitrodiphenylamine, 2,4-dinitrodiphenylamine, and N-phenylanthranilic acid form no quinolinium salts, since these amines are too weakly basic. Also indole forms no quinolinium salt. All of the syntheses carried out are thoroughly described in the experimental section. The yield, melting point, and chlorine content are given for each synthesized product. The influence of the solvent on the yield of N-phenylquinaldinium perchlorate is given in a summary. There are 9 references, 6 of which are Soviet.

Card 2/3

The Condensation of Diaryl Amines With Iso- valeraldehyde		s/079/60/6 B005/B125	s/079/60/030/05/53/074 B005/B125	
ASSOCIATION:	Rostovskiy-na-Donu gosudarstve Donu State University)	nnyy universitet	(Rostov-na-	
SUBMITTED:	May 4, 1959			
Card 3/3				

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000101920016-1"



ARDASHEV, B.I.; KAGAN, Ye.Sh.

Preparation of lepidine and its derivatives from aromatic amines and Mannich bases. Zhur. ob. khim. 34 no.7:2228-2230 JI *64 (MIRA 17:8)

1. Novocherkasskiy politekhnicheskiy institut.

KAGAN, Ye.Sh.; ARDASHEV, B.I.

Phenyllspidinium_parchlorate. Metod. poluch. khim. reak.
i prepar. no.ll:99-101 .'64. (MIRA 18:12)

1. Novocherkasskiy politekhnicheskiy institut. Submitted
April 1964.

Lepidine. Metod. poluch. khim. reak. i prepar. no.11:63-64 '64. (MIRA 18:12)

1. Novocherkasskiy politekhnicheskiy institut. Submitted April, 1964.

ARDASHEV, B.I.; MINKIN, V.I.

6-. Metheyquinoline. Metod. poluch. khim. reak. 1 prepar.
no.Il:80-81 '64. (MIRA 18:12)

1. Novocherkasskiy politekhnicheskiy institut. Submitted
April 1964.

ARDASHEV, B.P., inzh.; MATHKEVICH, V.A., inzh.; SIDOROV, B.K., inzh.

Lumber carriers of the Vytegrales type. Sudostroenie 31 no.1:5-12
(MIRA 18:3)

Ja 165.

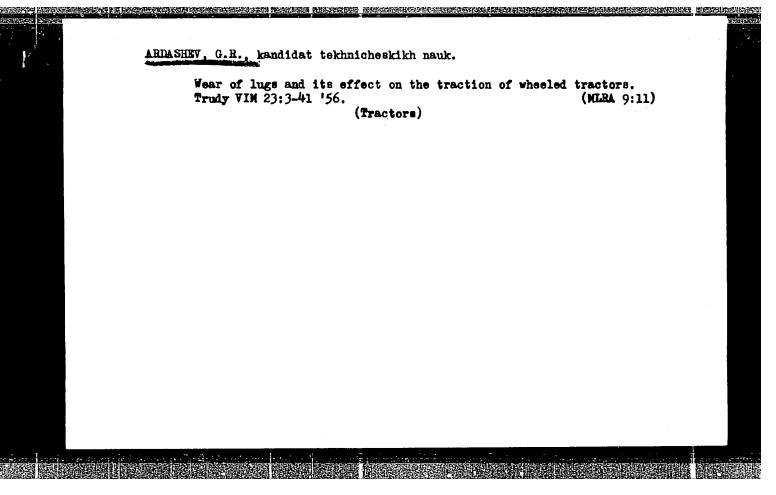
ARDASHEV, G. R.

"Investigation of the Effect of Wear of Grousers on the Traction Properties of a Wheel Tractor." Sub 4 Dec 51, All- Union Sci Res Inst of Mechanization and Electrification of Agruiculture.

Dissertations presented for science and engineering degrees in Moscow during 1951. SO: Sum. No. 480, 9 May 55.

- 1. ARDASHEVIG. R
- 2. USSR (600)
- 4. Tractors-Motors
- 7. Flushing out lubrication systems of tractor motors. MTS 12 no.11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.



ARDASHEV, Gavriil Romanovich; BAZAROV, I.V.; MIKHAYLOV, I.N.; MORSHIN,
A.V.; POLOTSKIY, I.V.; HULENKO, A.I.; SITNIKOV, A.P.; SPERAHSOV, H.N.;
KRYUKOV, V.L., red.; DEYRVA, V.M., tekhn.red.

[Maintenance of tractors and agricultural muchinary] Tekhnicheskoe obsluzhivanie traktorov i sel'skokhoziaistvennykh mashin. Moshva, Gos.izd-vo sel'khoz.lit-ry, 1961. 470 p.

(MIRA 14:4)

(Tractors--Maintenance and repair)
(Agricultural machinery--Maintenance and repair)

ARDASHEV, G.R.; MIKHAYLOV, I.N.; ZAMORSKIY, V.V.; DOVGICH, I.A.;

SEVERNEV, I.M.; DOMAN'KOV, V.M.; Prinimali uchastiye:
FEDOSOV, I.M.; KRIVENKO, P.M.; KUDRYAVTSEV, P.R.;
BARABANOV, V.Ye.; BRIL', E.P., red.; PARSHIN, V.G., tekhn.
red.

[Technical maintenance of the KD-35, KDP-35, and T38 tractors] Tekhnicheskii ukhod za traktorami KD-35, KDP-35 i T38. Moskva, Biuro tekhn.informatsii GOSNITI, 1962. 153 p. (MIRA 16:10)

1. Russia 1923- U.S.S.R.) Ministerstvo sel'skogo khozyzystva. 2. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy tekhnologicheskiy institut remonta i ekspluatatsii mashinno-traktornogo parka (for Ardashev, Mikhaylov, Fedosov, Krivenko, Kudryavtsev, Barabanov). 3. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (for Zamorskiy Dovgich). 4. Belorusskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (for Severnev, Doman'kov). (Tractors-Maintenance and repair)

ARDASHEV, Gavriil Romanovich, kand. tekhn. nauk; MIKHAYLOV,
Igor' Nikolayevich, inzh.; MORSHIN, Aleksandr
Vasil'yevich, kand. tekhn. nauk; SOLODENIKOVA, G.A.,
red.

[Technical maintenance of the machinery and tractor fleet] Tekhnicheskoe obsluzhivanie mashinno-traktornogo parka. Moskva, Kolos, 1965. 526 p. (MIRA 18:7)

OZZEDIOTE PERCENDE ROMANIO DE LA CONTRADA PERCENDE A RECENTATO PERCENDE A RECENTA DE LA CONTRADA DEL CONTRADA DE LA CONTRADA DEL CONTRADA DE LA CONTRADA DEL CONTRADA DEL CONTRADA DE LA CONTRADA DEL CONTRADA DEL CONTRADA DE LA CONTRADA DEL CONTRADA DEL CONT

SAMOYLOVICH, D.M.; ARDASHEV, I.V.; BARINGWA, Ye.S.

Sensitivity specks of emulsions sensitized subsequently by gold and triethanolamine. Zhur. nauch. i prikl. fot. i kin. 10 no.1:16-22 Ja-F 165.

(MIRA 18:4)

SAMOYLOVICH, D.M.; ARDASHEV, I.V.; BARINOVA, Ye.S.; RYABOVA, R.V.;
YUKHNOVSKAYA, Ö.P.

Investigating the chemical ripening of type R emulsions. Zhuranauch. i prikl.fot. i kin. 8 no.5:359-361 S-0 '63.

(MIRA 16:9)

24.6610

S/020/62/145/003/008/013 B125/B102

AUTHORS:

Samoylovich, D. M., Barinova, Ye. S., and Ardashev, I. V.

TITLE:

Possibility of changing emulsion sensitivity by irradiation

FMRIODICAL: Akademiya nauk SSSR. Doklady, v. 145, no. 3, 1962, 557 - 559

TEXT: The sensitivity of an emulsion can be very strongly affected by irradiation in the presence of free hydrogen ions. 400 thick samples of P(R) type emulsion without backing were immersed in solutions of various acids (of pH values from 1 to 5). One hour later they were exposed to 7-rays and neutrons from a Po-Be source, stored for 12 hours at pH 7, and then developed. The density of the proton and electron tracks is constant at pH 3, and depends neither on the kind of acid used nor on the pH value of its solution. Decreasing the pH value from 3 to 2 greatly reduces the density of the tracks, and relativistic particles are not recorded at all. Exposing the same emulsion to 8.6 BeV protons from the Dubna synchrocyclotron and treating it for two hours with sulphuric and nitric acid does not appreciably reduce the density of the tracks of relativistic particles down to pH2: Between pH2: and pH1 the relativistic Card 1/2

A

Possibility of changing ...

S/020/62/145/003/008/013

tracks decrease very rapidly in density and number. The tracks due to nuclear decay resist treatment of the latent image with acid solutions of pH1. After irradiating the layer, (third series of experiments), the density of the recoil proton tracks is unchanged down to pH2 and reduced by about 10% at pH1. The reversible reduction of sensitivity in the presence of hydrogen ions depends on the competitive capture of electrons by ag ions and mobile free H ions during the formation of the latent image. The irreversible reduction of sensitivity depends on the release of atomic silver in the acids. This irreversible process is infinitesimal when the emulsion is sensitized with gold. There are 2 figures.

PRESENTED: February 26, 1962, by I. K. Kikoinn, Academician SUBMITTED: February 10, 1962

Card 2/2